

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul DiCarlo et al.
Serial No. : 10/791,552
Filed : March 2, 2004
Title : EMBOLIZATION

Art Unit : 1616
Examiner : Unknown

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

The following references that are listed on the attached form PTO-1449 are commonly owned co-pending U.S. patent applications:

US 2003/0032935 A1 (USSN 10/158,642), filed May 30, 2002
US 2003/0183962 A1 (USSN 10/109,966), filed March 29, 2002
US 2003/0185895 A1 (USSN 10/232,265), filed August 30, 2002
US 2003/0185896 A1 (USSN 10/215,594), filed August 9, 2002
US 2003/0203985 A1 (USSN 10/402,068), filed March 28, 2003
US 2003/0206864 A1 (USSN 10/461,608), filed June 13, 2003
US 2003/0233150 A1 (USSN 10/231,664), filed August 30, 2002
US 2004/0076582 A1 (USSN 10/615,276), filed July 8, 2003
US 2004/0091543 A1 (USSN 10/700,970), filed November 4, 2003
US 2004/0092883 A1 (USSN 10/278,248), filed October 23, 2002
US 2004/0096662 A1 (USSN 10/637,130), filed August 8, 2003
US 2004/0101564 A1 (USSN 10/651,475), filed August 29, 2003
US 2005/0095428 A1 (USSN 10/791,103), filed March 2, 2004
US 2005/0129775 A1 (USSN 10/928,452), filed August 27, 2004

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 18, 2005

Date of Deposit

Signature

Scott Barrett

Typed or Printed Name of Person Signing Certificate

Applicants also hereby notify the Examiner of the following commonly owned co-pending U.S. patent applications:

U.S. Patent Application Serial No. 10/814,079, filed March 30, 2004
U.S. Patent Application Serial No. 10/830,195, filed April 22, 2004
U.S. Patent Application Serial No. 10/858,253, filed June 1, 2004
U.S. Patent Application Serial No. 10/927,868, filed August 27, 2004
U.S. Patent Application Serial No. 11/000,741, filed December 1, 2004
U.S. Patent Application Serial No. 11/070,967, filed March 2, 2005
U.S. Patent Application Serial No. 11/111,511, filed April 21, 2005
U.S. Patent Application Serial No. 11/117,156, filed April 28, 2005
U.S. Patent Application Serial No. 11/154,106, filed June 15, 2005
U.S. Patent Application Serial No. 11/165,949, filed June 24, 2005
U.S. Patent Application Serial No. 11/248,033, filed October 12, 2005
U.S. Patent Application Serial No. 11/248,493, filed October 12, 2005

Applicants are uncertain of the date of publication of the following references that are listed in the attached PTO-1449 form:

- (1) "Fibroid Treatment Collective – Fibroid Embolization," 2 pages,
<http://www.fibroids.org> (Ref. A146)
- (2) Kochan, J.P. et al., "Interventional Neuroradiology: Current Practices and Techniques at Temple University Hospital,"
<http://www.temple.edu/radiology/stroke.html>, 5 pages (Ref. A165)
- (3) Mather, P.T., Research Group Homepage, Basic Goals and Methods,
<http://www.ims.uconn.edu/~mather>, 4 pages (Ref. A179)
- (4) SIR-Spheres (Yttrium-90 Microspheres), pp. 1-12 (Ref. A207)

Therefore, while Applicants do not concede that these references qualify as prior art to this application, Applicants request that the Examiner treat them as prior art at this time for purposes of examination of this application.

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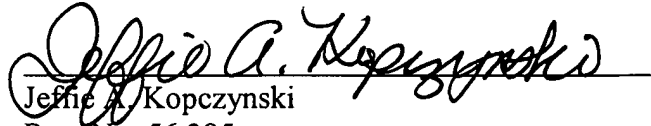
Attorney's Docket No.: 01194-461001 / 03-208

This statement is being filed before the receipt of a first Office Action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

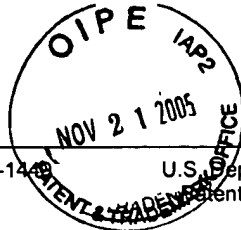
Respectfully submitted,

Date: NOVEMBER 18, 2005


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Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-461001	Application No. 10/791,552
	Applicant Paul DiCarlo et al.		
	Filing Date March 2, 2004	Group Art Unit 1616	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	4,034,759	07/12/1977	Haerr			
	A2	4,094,848	06/13/1978	Naito			
	A3	4,096,230	06/20/1978	Haerr			
	A4	4,159,719	07/03/1979	Haerr			
	A5	4,402,319	09/06/1983	Handa et al.			
	A6	4,640,807	02/03/1987	Afghan et al.			
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	A9	4,793,980	12/27/1988	Torobin			
	A10	4,897,255	01/30/1990	Fritzberg et al.			
	A11	4,946,899	08/07/1990	Kennedy et al.			
	A12	5,015,423	05/14/1991	Eguchi et al.			
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	A27	5,888,930	03/30/1999	Smith et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A55	6,495,155	12/17/2002	Tice et al.			
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	A71	6,632,531	10/14/2003	Blankenship			
	A72	2003/0194390	10/16/2003	Krall et al.			
	A73	2003/0203985	10/30/2003	Baldwin et al.			
	A74	2003/0206864	11/06/2003	Mangin			
	A75	6,652,883	11/25/2003	Goupil et al.			
	A76	2003/0233150	12/18/2003	Bourne et al.			
	A77	6,699,222	03/02/2004	Jones et al.			
	A78	2004/0076582	04/22/2004	DiMatteo et al.			
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U.S. Patent Documents							
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	A82	2004/0101564	05/27/2004	Rioux et al.			
	A83	2004/0186377	09/23/2004	Zhong et al.			
	A84	2005/0025800	02/03/2005	Tan			
	A85	2005/0037047	02/17/2005	Song			
	A86	2005/0095428	05/05/2005	DiCarlo et al.			
	A87	2005/0129775	06/16/2005	Lanphere et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	A88	AU-A-76186/98	10/15/1998	Australia				
	A89	EP 0 067 459 A1	12/22/1982	EPO				
	A90	EP 0 122 624	10/24/1984	EPO				X
	A91	EP 0 122 624	10/24/1984	EPO (Abstract)			X	
	A92	EP 0 123 235	10/31/1984	EPO				X
	A93	EP 0 123 235	10/31/1984	EPO (Abstract)			X	
	A94	EP 0 243 165	10/28/1987	EPO				
	A95	EP 0 294 206	12/07/1988	EPO				
	A96	EP 0 458 079	11/27/1991	EPO				X
	A97	EP 0 458 079	11/27/1991	EPO (Abstract)			X	
	A98	EP 0 458 745	11/27/1991	EPO				
	A99	EP 0 067 459 B1	03/09/1998	EPO				
	A100	EP 0 764 047	08/27/2003	EPO				
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	A102	DE 3834705	04/12/1990	Germany				X
	A103	DE 3834705	04/12/1990	Germany (Abstract)			X	
	A104	JP 2000189511	07/11/2000	Japan (Abstract)			X	
	A105	JP 2001079011	03/27/2001	Japan (Abstract)			X	

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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	A106	NZ 255409	02/24/1997	New Zealand				
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	A108	TW 421658	02/11/2001	Taiwan (Abstract)			X	
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	A112	WO 99/00187	01/07/1999	WIPO				
	A113	WO 00/032112	06/08/2000	WIPO (Corrected Version)				
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	A115	WO 01/72281	10/04/2001	WIPO				
	A116	WO 01/93920	12/13/2001	WIPO				
	A117	WO 03/016364	02/27/2003	WIPO				
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	A122	Abbara et al., "Transcervical Expulsion of a Fibroid as a Result of Uterine Artery Embolization for Leiomyomata", <i>JVIR</i> , Vol. 10, No. 4, pp. 409-411, 1999
	A123	Abrahams, J.M. et al., "Topic Review: Surface Modifications Enhancing Biological Activity of Guglielmi Detachable Coils in Treating Intracranial Aneurysms", <i>Surg. Neurol.</i> 54:34-41, 2000
	A124	Abrahams, J.M. et al., "Delivery of Human Vascular Endothelial Growth Factor with Platinum Coils Enhances Wall Thickening and Coil Impregnation in a Rat Aneurysm Model", <i>AJNR Am. J. Neuroradiol.</i> 22:1410-1417, August 2001
	A125	Ahuja, A.A., "Platinum Coil Coatings to Increase Thrombogenicity: A Preliminary Study in Rabbits", <i>AJNR Am. J. Neuroradiol.</i> 14:794-798; July/August 1993
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	A127	Berkowitz, R.P. et al., "Vaginal Expulsion of Submucosal Fibroids After Uterine Artery Embolization", <i>Journal of Reproductive Medicine</i> , Vol. 44, No. 4, pp. 373-376; April 1999 http://www.reproductivemedicine.com

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	A128	Bourke et al., "Protein Drug Release from Photocrosslinked Poly(vinyl alcohol) Hydrogels," <i>Society for Biomaterials 28th Annual Meeting Transactions</i> , p. 144 (2002)
	A129	Bradley, E.A. et al., "Transcatheter Uterine Artery Embolisation to Treat Large Uterine Fibroids", <i>British Journal of Obstetrics and Gynaecology</i> , Vol. 105, pp. 235-240; February 1998
	A130	Brockmann, J. et al., "Radiolabeling of p-Bz-DOTA-CD-11c antibody with ⁸⁸ Y: Conjugation, Labeling, Biodistribution studies", 2 pages, 2000 http://www.kernchemie.uni-mainz.de/downloads/jb2000/b14_brockmann.pdf
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	A136	Concentric Medical, Inc.- Product Information (3 pages), 2002
	A137	Cruise et al., "In Vitro and In Vivo Characterization of a Hydrogel-Based Aneurysm Embolization System," <i>Society for Biomaterials 28th Annual Meeting Transactions</i> , p. 203 (2002)
	A138	Deasy, P. B., "Microencapsulation and Related Drug Processes", New York, NY, Marcel Dekker, Inc., 345 pages, 1984 (Table of Contents only)
	A139	DeGast, A.N. et al., "Transforming Growth Factor β -coated Platinum Coils for Endovascular Treatment of Aneurysms: An Animal Study", <i>Neurosurgery</i> , Vol. 49, No. 3, pp. 690-696, Sept. 2001
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	A143	Feldman, L. et al., "Transcatheter Vessel Occlusion: Angiographic Results Versus Clinical Success", <i>Radiology</i> , Vol. 147, pp. 1-5, April 1983
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	A145	FeRx Incorporated, FERX Profile http://www.biotechshares.com/FERX.htm , 4 pages (Retrieved from the internet on June 26, 2003)
	A146	"Fibroid Treatment Collective - Fibroid Embolization," 2 pages, http://www.fibroids.org
	A147	Fritzsch, T. et al., "SH U 508, A Transpulmonary Echocontrast Agent", <i>Investigative Radiology</i> , Vol. 25, Supplement 1, pp. S160-S161, September 1990
	A148	Fujimoto, S. et al., "Biodegradable Mitomycin C Microspheres Given Intra-Arterially for Inoperable Hepatic Cancer", <i>Cancer</i> , Vol. 56, pp. 2404-2410, 1985

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	A149	Gilbert, W.M. et al., "Angiographic Embolization in the Management of Hemorrhagic Complications of Pregnancy", <i>American Journal of Obstetrics and Gynecology</i> , Vol. 166, No. 2, pp. 493-497, February 1992
	A150	Goldberg, B.B., "Ultrasonic Cholangiography", <i>Radiology</i> , Vol. 118, pp. 401-404, February 1976
	A151	Gramiak et al., "Echocardiography of the Aortic Root," <i>Investigative Radiology</i> , 3(5):356-366 (September-October 1968)
	A152	Gramiak, R. et al., "Ultrasound Cardiography: Contrast Studies in Anatomy and Function", <i>Radiology</i> , Vol. 92, No. 5, pp. 939-948, April 1969
	A153	Greenwood, L.H. et al., "Obstetric and Nonmalignant Gynecologic Bleeding: Treatment with Angiographic Embolization", <i>Radiology</i> , Vol. 164, No. 1, pp. 155-159, July 1987
	A154	Gupta et al., "Plasma-induced graft polymerization of acrylic acid onto poly(ethylene terephthalate) films: characterization and human smooth muscle cell growth on grafted films," <i>Biomaterials</i> , 23:863-871 (2002)
	A155	Halstenberg et al., "Biologically Engineered Protein-graft-Poly(ethylene glycol) Hydrogels: A Cell Adhesive and Plasmin-Degradable Biosynthetic Material for Tissue Repair," <i>Biomacromolecules</i> , 3(4):710-723 (2002)
	A156	Hirano et al., "Transcutaneous Intrafold Injection For Unilateral Vocal Fold Paralysis: Functional Results," <i>Ann. Otol. Rhinol Laryngol.</i> , 99(8):598-604 (August 1990)
	A157	"Injectable Tissue Implant Could Repair Ravages of Surgery", Clemson University, Biotech Week, Oct. 22, 2003, p. 117
	A158	Jones, S.K. et al., "Experimental Examination of a Targeted Hyperthermia System Using Inductively Heated Ferromagnetic Microspheres in Rabbit Kidney", <i>Phys. Med. Biol.</i> , Vol. 46, No. 2, pp. 385-398, February 2001, www.iop.org/Journals/pb
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